

IN THE CLAIMS

1. (currently amended) A computerized method to recover session information and data after a change in [the system] a network, the method comprising:
connecting a persistent data object to a first persistent data control object;
transacting data in a data area in response to a request by the persistent data object, [wherein] with the first data control object [controls] controlling the transaction of data in the data area;

dynamically replicating the data area in at least one alternative persistent data control object[s] located anywhere in the network; and

connecting the persistent data in an alternative persistent data control object upon notification of the change in the network, [wherein] with the alternative persistent data control object [obtains] obtaining control of the transaction of the data in the data area upon the change in the [system] network.

2. (original) The method of claim 1, wherein the system comprises an Application comprised of objects, a System Registry, and a Messaging Scheme.

3. (original) The method of claim 1, wherein the change in the system comprises a failure of the first persistent data control object.

4. (currently amended) The method of claim 1, [additionally] the method further comprising creating a data area in response to a request b the persistent data object, [wherein] with the first persistent data control object [controls] controlling the creation of the data area.

5. (currently amended) The method of claim 1 [additionally] the method further comprising connecting the persistent data object to a second persistent data control object.

6. (currently amended) The method of claim 1, [additionally] the method further comprising storing the data in a media device.

7. (original) The method of claim 6, wherein the media device is chosen from the list consisting of a memory, hard disc drive, and a networked media device.

8. (original) The method of claim 1, wherein session information is stored in the first persistent data control object and replicated in alternate persistent data control objects.

9. (currently amended) The method of claim 1, [additionally] the method further comprising dynamically replicating the data area in a plurality of alternative persistent data control objects.

10. (original) The method of claim 1, wherein the connecting the persistent data object to an alternate persistent data control object additionally comprises negotiating the alternate persistent data control object.

11. (original) The method of claim 10, wherein the negotiating the alternate persistent data control object comprises using a name-based negotiating method.

12. (currently amended) The method of claim 2, [additionally] the method further comprising the persistent data object communicating with the first persistent data control object and the alternative persistent data control object through the Messaging Scheme.

13. (original) The method of claim 2, wherein the Messaging Scheme determines the change in the system and notifies the persistent data object.

14. (original) The method of claim 1, wherein the change in the system additionally comprises adding an additional alternate data control object.

15. (original) The method of claim 13, wherein the additional alternate data control object is used for end of day archiving of the data area.

16. (currently amended) The method of claim 2, [additionally] the method further comprising the determining the change in the [system] network by sending a message to the first persistent data control object to determine the current state of the first persistent data control object.

17. (original) The method of claim 1, wherein the connection of the persistent data object to the alternate persistent data control object is done transparently to a user.

18. (currently amended) The method of claim 2, [additionally] the method further comprising registering the persistent data objects with the System Registry, and finding the first persistent data control object by querying the System Registry.

19. (currently amended) The method of claim 1, [additionally] the method further comprising requesting a transaction of data in the data area by a user, [wherein] with the user [sends] sending the request to the persistent data object.

20. (original) The method of claim 19, wherein the user is selected from the list consisting of a person, a program, a person using a program, a program using a program, and expanding levels of programs using programs.

21. (currently amended) A computerized method to recover session information and data after a change in [the system] a network, [wherein] with the [system] network [comprises] including at least an Application comprised of objects, a System Registry, and a Messaging Scheme and with the change in the [system] network [comprises] including a failure of the first persistent data control object, the method comprising:

connecting a persistent data object to a first persistent data control object;
creating a data area in response to a request by the persistent data object,
[wherein] with the first persistent data control object [controls] controlling the creation of the data area;

object, [wherein] with the first persistent data control object [controls] controlling the transaction of the data in the data area;

dynamically replicating the data area in at least one alternate persistent data control objects located anywhere in the network;

determining the change in the [system] network by sending a message to the first persistent data control object to determine [the] a current state of the first persistent data control object;

connecting the persistent data object to an alternate persistent data control object[s] upon notification of the change in the [system] network, [wherein] with the alternate persistent data control object [obtains] obtaining control of the transaction of the data in the data area upon the change in the [system] network; and

connecting the persistent data object to the second persistent data control object.

22. (currently amended) A computer system for recovering session information and data after a change in [the system] a network, the method comprising:

a computer, [wherein] with the computer [comprises] including a memory and a processor; and executable software residing in the computer memory [wherein] with the software [is] being operative with the processor to:

connect a persistent data object to a first persistent data control object;

transact data in a data area in response to a request by the persistent data object, [wherein] with the first persistent data control object [controls] controlling the transaction of the data in the data area;

dynamically replicate the data area in at least one alternate persistent data control object[s], and

connect the persistent data object to an alternate persistent data control object upon notification of the change in the [system] network, [wherein] with the alternate persistent data control object [obtains] obtaining control of the transaction of the data in the data area upon the change in the system.

23. (currently amended) A computer data signal embodied in a digital data stream for recovering session information and data after a change in [the system] a network, [wherein] with the computer data signal [is] being generated by a method comprising the steps of:

connecting a persistent data object to a first persistent data control object;

transacting data in a data area in response to a request by the persistent data object, [wherein] with the first persistent data control object [controls] controlling the transaction of the data in the data area;

dynamically replicating the data area in at least one alternate persistent data control objects; and

connecting the persistent data object to an alternate persistent data control object upon notification of the change in the [system] network, [wherein] with the alternate persistent data control object [obtains] obtaining control of the transaction of the data in the data area upon the change of the system.